



Site Specific Health & Safety Plan (HASP)

Job Name: Space Age Truck Release
Job #: 3023
Date: 2/11/2019
Site Supervisor/IC: James Collins, DEQ
Site Safety Officer: Alan Dimock

1. INTRODUCTION

This Site Specific Health & Safety Plan (HASP) sets forth policy and procedures that will minimize site-specific risks to workers, visitors and the public. The procedures and guidelines contained here are based on the best available information at the time of the Plan preparation. Specific requirements in the Plan may be revised when new information is received or conditions change.

The site Safety Officer (SO) is responsible for informing all individuals on the job site of the contents of this plan and ensuring that each person signs it. By signing the Plan, individuals are acknowledging the presence of specific on-site hazards and the policies and procedures required to minimize exposure or adverse effects to these hazards. The policies and procedures contained here are crucial to the safe and effective conduct of all personnel on-site. This Plan has been drafted to meet all requirements of 29 CFR 1910.120

2. SITE DESCRIPTION

Location: I-84 near MP 54

Description: Manage and mitigate the response scene of a tanker truck roll-over which released an estimated 4,400 gallons of diesel fuel onto I-84, side slope of the west bound roadway and into Lindsey Lake. Be prepared and safe for challenging weather conditions.

Contracting Company or Agency: NWFF

Contact Person and Phone Number: Alan Dimock

Subcontracting Company: NRC

Contact Person and Phone Number: Chad Sisk 971.352.5449

3. SCOPE OF WORK

Objective(s): Maintain boom placements within Lindsey Lake in order to prevent discharge of product to the Columbia River. Maintain sorbents in identified areas and replace as necessary. Follow on objective is to capture the contaminant for disposal.

Work Plan: NWFF and NRC will begin flushing water pulled from Lindsey Lake down the side slope of westbound I-84. As the product washes down the side slope, the material is expected to be contained within Lindsey Lake. Teams will be in boats with sorbent materials to capture the contaminant. There will be a 70-barrel vac truck staged on the road. A baker tank will be staged at Wyeth, to accept fluids from the 70-barrel.

4. ON-SITE ORGANIZATION AND COORDINATION

The following personnel are designated to carry out specific job functions on-site (Individuals may perform more than one job function).

Federal On-Scene Coordinator: Jeff Fowlow

State On-Scene Coordinator: Jamie Collins

Client Contact: Rob Honsberger

Safety Officer (SO): Alan Dimock

NWFF Project Manager (PM): Shiloh McConnell

NWFF Response Manager
(RM): NA

NWFF Foremen: Seth Williams

Specialist Employee: NA

HAZWOPER (40hr/80Hr) Technicians:

<u>Cesar Monroy</u>	<u>Seth Williams</u>	<u>Glenn Thor</u>
<u>Alex Plowman</u>		

SUBCONTRACTORS: NRC

<u>Chad Sisk</u>		
<u>Stan Jensen</u>		
<u>Daniel Holmes</u>		

The Unified Command has overall responsibility for all activities on-site including implementation of the safety plan. The Unified Command may delegate this function to the SO. The SO is responsible for ensuring that all work crews and individuals on the jobsite comply with all site safety and health requirements. If changes or further information is added, the SO is responsible for notifying **all** personnel. All on-site personnel are responsible for understanding and complying with all requirements put forth by the SO.

5. SITE CONTROL

Controlled boundaries will be established. The hot zone (the work area), the warm zone (the decon area) and the cold zone (rehab and command area) will be designated by:

Hot zone – roadway and lake within the first containment boom

Warm zone- area between first and second booms

Cold zone- work area and decon

6. TRAINING AND DOCUMENTATION

In compliance with 29 CFR 1910.120 all on-site personnel receive a minimum of forty hours of training on safe work practices at hazardous waste sites. Annually thereafter, all field employees receive eight hours of refresher training on the following topics:

Regulatory Compliance (OSHA, EPA, DOT)

Environmental Monitoring/Sampling

Noise

Toxicology

Heat/Cold Stress

Flammable

Drum Handling

Corrosives/Reactives

Confined Space

Respiratory

Protection

Decontamination

Protective Clothing

Site Safety Plans

Medical Surveillance

Contingency Plans

Team leaders and supervisors receive a minimum of eight hours training on safe management of hazardous waste sites. All training complies with 29 CFR 1910.120.

Site-specific training is held at the beginning of each job. A record of this training and all operations is kept on the job site. Safety briefings are held before work commences on any job for all personnel. If operations continue for more than one day, safety briefings will be held at the beginning of each shift.

7. MEDICAL SURVEILLANCE

Pre-employment and periodic medical examinations are required for persons working at hazardous waste sites. The medical examination must have been within a twelve-month period prior to on-site activities and repeated at least every other year. A licensed physician must issue a written opinion that the worker is fit for duty for hazardous waste site work and respirator wear. Workers are informed of their right of accessibility to their medical records.

8. HAZARD AND RISK ANALYSIS

Chemicals	_____x_____	Heavy Equipment	_____
Confined Space	_____	Heat	_____
Flammability	_____x_____	Cold	_____
Reactivity	_____	Drums	_____
Terrain	_____x_____	Oxygen Deficiency	_____x_____
Electrical	_____	Corrosivity	_____
Noise	_____	Altitude	_____
Radiation	_____	Wildlife	_____x_____
Ergonomics	_____x_____	Drilling	_____
Excavation	_____	Biological Agent	_____
Explosives	_____	Vehicles	_____x_____
Other		Other	

MSDS, if available, are attached at the end of the safety plan with pertinent information highlighted, including: Threshold Limit Values (TLV), Short Term Exposure Limits (STEL), signs, symptoms and routes of possible exposure.

9. AIR MONITORING

4 Gas Air Monitor- continuous / hourly / daily / other

Indicator

Calibrated with

Photo Ionization Detector (PID) - continuous / hourly / other

Indicator UltraRae

Calibrated with

Specialized Monitoring Equipment Site Specific

10. PERSONAL PROTECTIVE EQUIPMENT

Based on the evaluation of potential hazards, the following levels of Personal Protective Equipment (PPE) have been designated for the applicable work areas and/or tasks.

Location	Level of PPE
Hot Zone	Level D to begin, if needed based on air monitoring, upgrade to Level C
Warm Zone	Level D to begin, if needed based on air monitoring, upgrade to Level C
Cold Zone	Level D

Specific protective equipment for each level of protection is as follows:

LEVEL A: Vapor proof fully encapsulating suit with SCBA.

LEVEL B: Non-vapor proof fully encapsulating suit with SCBA.

LEVEL C: Level D indicators with respirator.

LEVEL D: Chest waders, PFD

11. DECONTAMINATION PROCEDURES

All personnel and all equipment leaving the hot zone shall be decontaminated. The following decontamination methods and stations will be used: Spray down with Excel cleaner and double rinse with water.

12. CONTINGENCY AND EMERGENCY SPILL RESPONSE PLAN

The HASP provides specific actions to analyze, containerize, and remediate materials on a site and chemical-specific basis. The Emergency Spill Response Contingency Plan identifies and defines the responsibility of NWFF for further releases of these materials.

The purpose of the Emergency Spill Response Contingency Plan is to provide site-specific planning and procedures in the event of any release of hazardous materials and/or wastes.

Our Site Safety and Work Plan provides a final section where materials to be remediated, containerized, analyzed, or transported are identified with specific methods for response to further releases. For example, plugging and patching, use of appropriate absorbents, and overpacking protocols are all in place in the event of a breach of a 55-gallon drum during the course of NWFF contract work. These protocols are identical to standard emergency spill response and remediation protocols currently in place for all NWFF operations.

13. Medical Emergencies

Closest Hospital:

Cascade Locks, Oregon 97014 to Providence Hood River Memorial Hospital

The SO shall be notified of any on-site emergency and will be responsible for ensuring that all appropriate procedures are followed. The SO may delegate this responsibility to the assigned medical officer on the job site. Upon notification of an injury on the job site, the SO or medical officer will evaluate the nature of the injury. Appropriate medical treatment will be provided at that time. **All** incidents involving injury, possible injury or exposure must be reported to the SO, regardless of how minor they appear.

In the event of an emergency on the job site, orders may be given to clear the hot zone if needed. In addition, an air horn will blow the evacuation signal: three blasts. All workers in the hot zone will proceed to the decon area for further instructions. When an on-site emergency results in evacuation of the hot zone, personnel will not re-enter that area until:

1. Conditions resulting in the emergency have been corrected.
2. All hazards have been re-assessed.
3. The safety plan has been reviewed.
4. Site personnel have been briefed on changes in the safety plan.

Basic Life Support (BLS) trauma kit is present at every NWFF response. The BLS kit can be found in the all vehicles and trailers.

14. LINES OF COMMUNICATION

On the job communication will be done with hand-held, portable radios, previously agreed upon hand signals or face-to-face communication. The PM and SO will each carry a radio at all times. At least one radio will be provided for each team. The normal working frequency will be channel __. If possible, line-of-sight vision will be kept at all times between the workers in the hot zone and the PM or SO.

SITE SAFETY PLAN ACKNOWLEDGEMENT

All personnel on-site have read the safety plan and are familiar with its provisions.

Job Name: _____ Date: _____

[illegible]

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